APPLICANT: RAGHU CHALLA
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE
ATTORNEY/AGENT: GEORGE C. PAPPAS
REG. NO. 35,065 TELEPHONE: (858) 651-1306
DOCKET NO.: 010419 SHEET 1 OF 10 DSP 140 RAKE RECIEVERS 136 AGC 134 135 WIRELESS COMMUNICATION DEVICE DIGITAL VGA 132 FILTER 124 A/D 128 CONTROLLED OSCILLATOR 120 VOLTAGE RF MIXER LNA 108

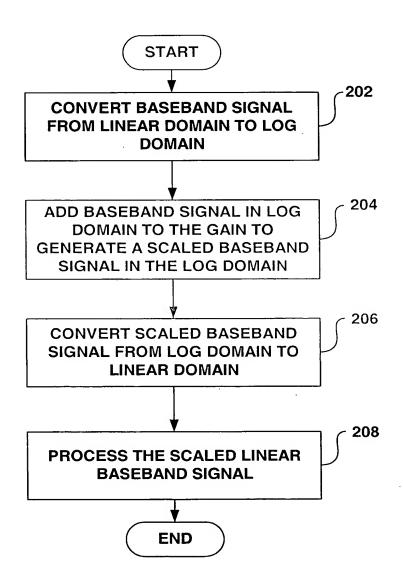
FIG. 1

TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE

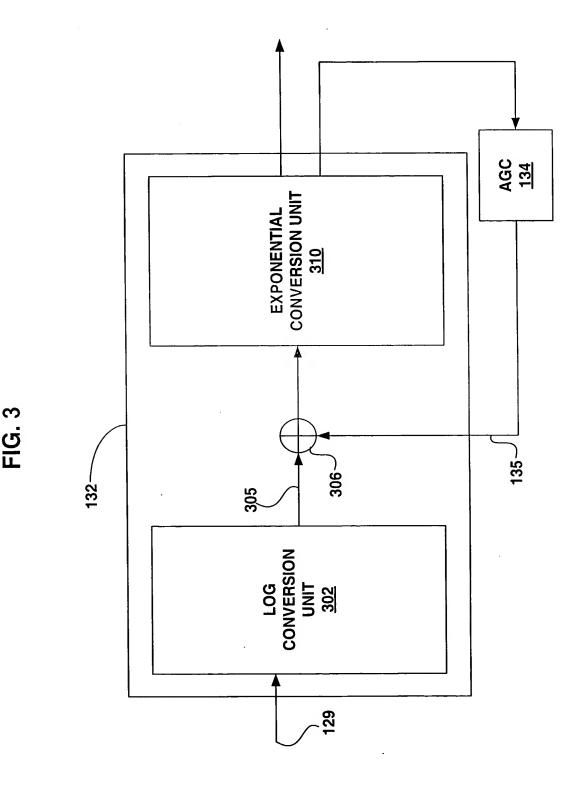
ATTORNEY/AGENT: GEORGE C. PAPPAS REG. NO. 35,065 TELEPHONE: (858) 651-1306

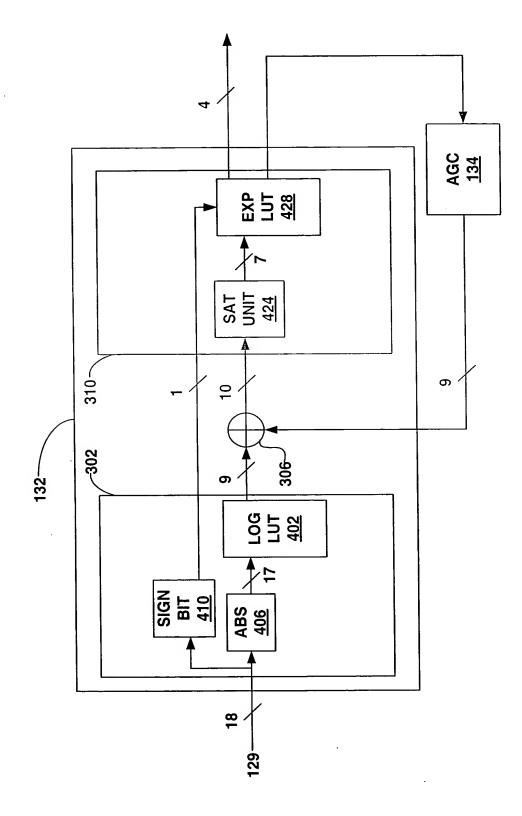
DOCKET NO.: 010419 SHEET 2 OF 10

FIG. 2



TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE
ATTORNEY/AGENT: GEORGE C. PAPPAS
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DOCKET NO.: 010419 SHEET 3 OF 10





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DOCKET NO.: 010419 SHEET 5 OF 10

FIG. 5A

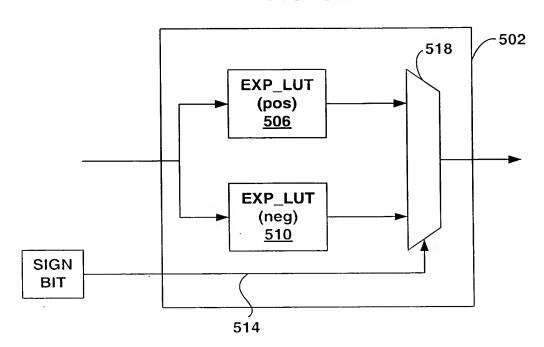
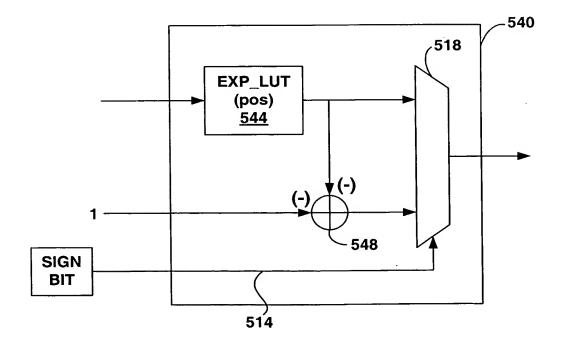


FIG. 5B

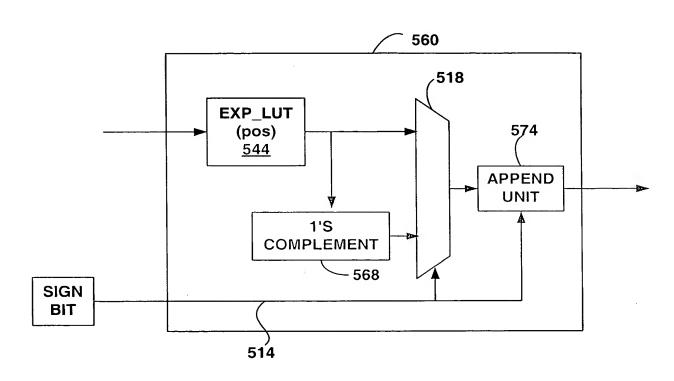


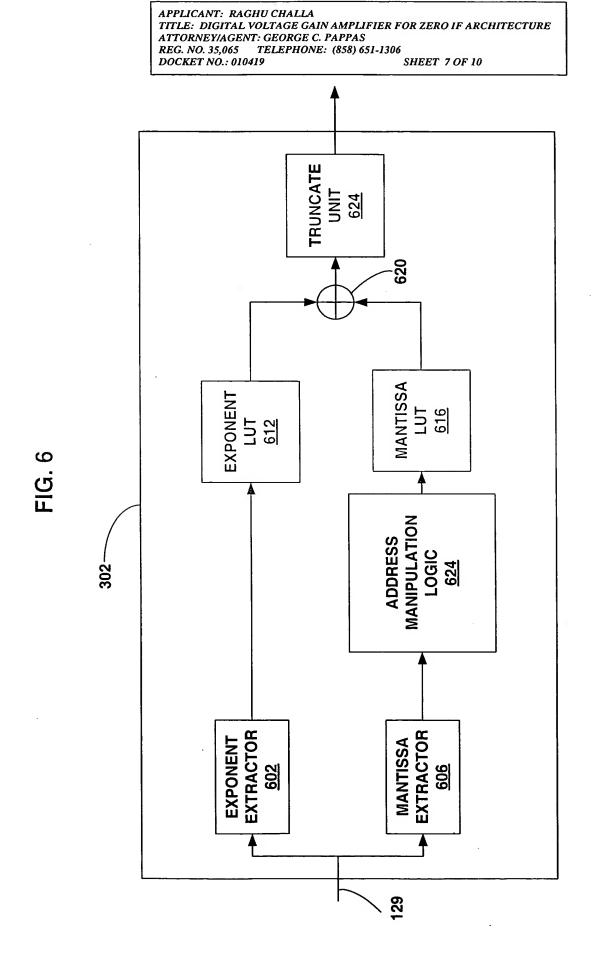
APPLICANT: RAGHU CHALLA TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE

ATTORNEY/AGENT: GEORGE C. PAPPAS REG. NO. 35,065 TELEPHONE: (858) 651-1306

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FIG. 5C





TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE ATTORNEY/AGENT: GEORGE C. PAPPAS

REG. NO. 35,065 TELEPHONE: (858) 651-1306 DOCKET NO.: 010419

SHEET 8 OF 10

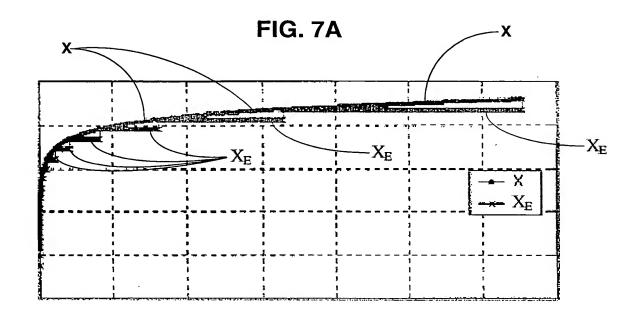
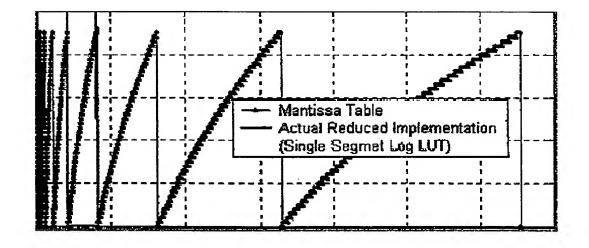


FIG. 7B



4) (2:0) 🐞

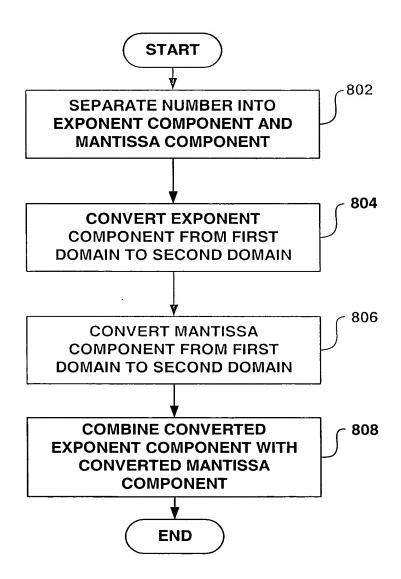
TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE

ATTORNEY/AGENT: GEORGE C. PAPPAS

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DOCKET NO.: 010419 SHEET 9 OF 10

FIG. 8



TITLE: DIGITAL VOLTAGE GAIN AMPLIFIER FOR ZERO IF ARCHITECTURE

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FIG. 9

